

IN THE CLAIMS

1. (Currently amended) Pump (1) comprising at least one shield valve controlled by a conveyed medium and which has a valve disk (4) of flexible material, which is clamped in a central region and is movable between an open position and a closed position, in said closed position the valve disk (4) closes at least one valve opening (9), wherein extensions (11) project from the valve disk (4) in step form for at least one of preventing a sudden flat abutment of the valve disk on a valve abutment surface ~~[[and/]]~~ or for limiting a valve opening motion, gaps (14) being located between the extensions and the valve disk that define through flow openings of the valve, and wherein the valve disk (4) is connected by ~~at least one of~~ the step-shaped extensions (11) to a sealing ring (13) surrounding the valve disk (4) and clamped between two housing portions (5, 6).
2. (Original) Pump according to claim 1, wherein the plurality of extensions (11) project generally uniformly from a peripheral edge of the disk.
3. (Currently amended) Pump according to claim 1, wherein ~~[[the]]~~ a valve abutment surface (10) of the valve has an approximately conical shape.
4. (Previously presented) Pump according to claim 1, wherein a central region of the valve disk (4) is centered by a pin (7) which passes through a central perforation (8) of the valve disk (4).
5. (Previously presented) Pump according to claim 1, wherein the at least one extension (11) connecting the valve disk (4) and the sealing ring (13) extends at least sectionally transversely to the disk radius and runs in a spiral form.

Applicant: Becker et al.
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6. (Canceled).